

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Complete if Known

(Use as many sheets as necessary)

Application Number	10/795,923
Filing Date	03/08/2004
First Named Inventor	Kegel
Art Unit	2153
Examiner Name	
Attorney Docket Number	1004-P03074US

U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ² of Priority	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
28		US- 5,905,713	05-08-1999	Anderson, et al.	
		US- 6,108,800	08-22-2000	Asawa	
		US- 6,363,056	03-28-2002	Belgi, et al.	
		US- 6,122,670	09-12-2000	Bennett, et al.	
		US- 6,345,302	02-05-2002	Bennett, et al.	
		US- 2003/0043434 A1	03-06-2003	Brachmann et al.	
		US- 6,343,078	01-29-2002	Bronstein, et al.	
		US- 6,233,256	05-15-2001	Dieterich, et al.	
		US- 6,321,284	11-20-2001	Fletcher	
		US- 6,148,051	11-14-2000	Fullmer	
		US- 5,668,471	10-22-1996	Hershey, et al.	
		US- 2003/0219040	11-27-2003	Kim	
		US- 5,535,338	07-08-1996	Krause, et al.	
		US- 5,590,285	12-31-1996	Krause, et al.	
		US- 5,787,253	07-28-1998	McCreery, et al.	
		US- 5,477,531	12-19-1995	McKee	
		US- 5,878,032	03-02-1999	Mirek, et al	
	US- 2004/0010612	01-15-2004	Pandya		
	US- 2004/0030757	02-12-2004	Pandya		

[illegible]

DATA	Considered
------	------------

This application is being filed in accordance with the provisions of 37 CFR 1.57 and 1.58. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 36 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

PTO/SB/08A (08-03)

Approved for use through 07/31/2008. OMB 0661-0031

U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 2 of 2**Complete if Known**

Application Number	10/795,923
Filing Date	03/08/2004
First Named Inventor	Kegel
Art Unit	2153
Examiner Name	
Attorney Docket Number	1004-P03074US

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No.†	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code* (if known)			
26 1 ✓		US- 6,545,979	04-08-2003	Poulin	
		US- 2003/0231741	12-18-2003	Rancu, et al.	
		US- 5,247,517	09-21-1993	Ross, et al.	
		US- 5,800,632	02-04-1997	Schulman	
		US- 6,448,121	09-03-2002	Shah	
		US- 5,974,237	10-26-1999	Shurmer, et al.	
		US- 5,343,463	08-30-1994	van Tetering, et al.	
		US- 6,483,840	11-19-2002	Vogel	
		US- 6,507,923	01-14-2003	Wall, et al.	
		US- 6,172,989	01-09-2001	Yanagihara, et al.	
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No.†	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T*
		Country Code* Number* Kind Code* (if known)				

Examiner
SignatureDate
Considered

11/15/07

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 809. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. †Applicant's unique citation designation number (optional). ‡See Kinda Codes of USPTO Patent Documents at www.uspto.gov or MPEP 801.04. §Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ¶For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. **Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ††Applicant is to place a check mark here if English language translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.


PTO/SB/088 (08-03)

Approved for use through 07/31/2008. OMB 0651-0031
U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)		Application Number	10/795,923
		Filing Date	03/08/2004
		First Named Inventor	Kegel
		Art Unit	2153
		Examiner Name	
Sheet 1 of 1	Attorney Docket Number	1004-P03074US	

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
JB		TATHAM, SIMON, Coroutines in C, website: http://www.chiark.greenend.org.uk/~sgtatham/coroutines.html , 2000	
		LAIRD, CAMERON, Is Stackless Python for You?, website: http://www.developer.com/open/print/php/10930_630761_2 , 12/6/2000	
		Linux, Linux Programmer's Manual, EPOLL(4), website: http://www.xmailserver.org/linux-patches/epoll.txt , 10/23/2002	
		POTONNIEE, O. and STEFANI, J-B, Synchronous Thread Management in a Distributed Operating System's Micro Kernel, European Conference on Parallel Processing, LNCS 1300, Heidelberg, 1997	
		KEGEL, DAN, The C10K problem, website: http://kegek.com/c10k.html , 11/2/2003	
		LIBENSI, DAVIDE, Improving (network) I/O performance, website: http://www.xmailserver.org/linux-patches/nio-improve.html , 10/30/2002	
		PROVOS, N. and LEVER, C., Scalable Network I/O in Linux, Center for Information Technology Integration, University of Michigan, Technical Report 00-4, 5/2/2000	
		CHANDRA, A. and MOSBERGER, D., Scalability of Linux Event-Dispatch Mechanisms, Hewlett Packard, HP Laboratories, Palo Alto, HPL-2000-174, 12/14/2000	
		TISMER, Christian, Stackless Python: A Python Implementation that does not use the C Stack, website: http://stackless.com/index_old.htm , 1/23/2000	

Examiner Signature		Date Considered	11/15/07
--------------------	---	-----------------	----------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-788-9199) and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 1 of 1

Complete if Known

Application Number	10/795,923
Filing Date	03/08/2004
First Named Inventor	Kegel
Art Unit	2153
Examiner Name	
Attorney Docket Number	1004-P03074US

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
ZB ↓		US- 2003-0202486 A1	10-30-2003	Anton	
		US- 6,044,091	03-28-2000	Kim	
		US- 6,621,805	09-16-2003	Kondylis et al.	
		US- 2003-0009544 A1	01-09-2003	Wach	
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
ZB		EP0895375	02-03-1999	Beanland		

Examiner
SignatureDate
Considered

11/15/07

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Substitute for form 1449/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Complete if Known

Application Number	10/795,923
Filing Date	03-08-2004
First Named Inventor	Kegel
Art Unit	2153
Examiner Name	
Attorney Docket Number	1004-P03074US

Sheet 1 of 1

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
JLB ↓		US- 2003-0139919 A1	07-24-2003	Sher	
		US- 6,950,405	09-27-2005	Van Gerrevink	
		US- 6,028,847	02-22-2000	Beanland	
		US- 6,789,100	09-07-2004	Nemirovsky	
		US- 2002/0080781	06-27-2002	Gustavsson	
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ³
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				

Examiner
SignatureDate
Considered

11/05/07

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.